

Abstract

A hydroforming apparatus includes a hydroforming die member and a hydroforming press. A fastener couples the press to the die member, the fastener having a shaft and a shoulder. A spacer positioned on the fastener spaces the die member from the press. The shaft is secured to the press housing. The shoulder is positioned within a slot in the die member configured to receive the shoulder as the shoulder is inserted into the slot in a direction transverse to a longitudinal axis of the fastener.